



COPY of paper #7

PATENT

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July 3, 2003

Date

T. Miller

Tamra Miller

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Kie Y. Ahn and Leonard Forbes

Attorney Docket No.: 500466.02

Serial No. : 09/994,511

Group Art Unit : 2879

Filed : November 26, 2001

Examiner : Kenneth J. Ramsey

Title : FIELD EMISSION DISPLAY HAVING REDUCED POWER REQUIREMENTS AND METHOD

REQUEST FOR CONSIDERATION OF PREVIOUSLY-FILED  
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Noted  
KJP  
Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicants request that the enclosed Supplemental Information Disclosure Statement, which was originally filed on November 12, 2002, be considered and made of record in the above-identified patent application.


During a review of the file for the above-identified application, applicant's representative discovered that a signed copy of the PTO-1449 filed on November 12, 2002, had not been received from the U.S. Patent and Trademark Office. Enclosed is a copy of the Supplemental Information Disclosure Statement and cited references, and a date-stamped postcard indicating that the Supplemental Information Disclosure Statement was received by the U.S. Patent and Trademark Office on November 18, 2002.

The Examiner is encouraged to contact the undersigned attorney at (206) 903-8787 should there be any questions regarding this request.

Applicant believes that no fee is due with this communication. Should a fee be required, the Commissioner is authorized to charge said fee to Deposit Account No. 50-1266.

Respectfully submitted,

DORSEY & WHITNEY LLP

  
Steven H. Arterberry  
Registration No. 46,314

SHA:tlm

Enclosures:

Postcard  
Copy of Request  
Copy of Supplemental IDS filed  
Copy of Form PTO-1449 filed  
Copy of Date-Stamped Return Receipt Postcard

1420 Fifth Avenue, Suite 3400  
Seattle, WA 98101  
Direct Dial (206) 903-8787  
Facsimile (206) 903-8820

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4832-4956-2880\1 7/3/2003

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PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to the Commissioner of Patents, Washington, DC 20231.

November 12, 2001  
Date

Stephanie Jansen  
Stephanie Jansen

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants : Kie Y. Ahn and Leonard Forbes  
Serial No. : 09/994,511  
Filed : November 26, 2001  
Title : FIELD EMISSION DISPLAY HAVING REDUCED POWER REQUIREMENTS AND METHOD

Attorney Docket No.: 500466.02  
Group Art Unit : 2879  
Examiner : Kenneth J. Ramsey

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner of Patents  
Washington, D.C. 20231

Sir:

*Copy of Paper #7*

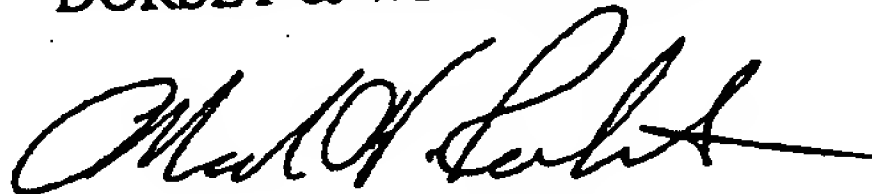
In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicants wish to make known to the Patent and Trademark Office the references set forth on the attached form PTO-1449. This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior Application No. 09/140,623, filed August 26, 1998. The references listed on the attached Form PTO-1449 were submitted to and/or cited by the Patent and Trademark Office in this prior application and, therefore, are not required to be provided in this application. If the Examiner wishes, copies will be provided upon request. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

I hereby certify that no item set forth on the attached form PTO-1449 was cited in a communication from a foreign patent office in a counterpart foreign application, to my knowledge, after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Supplemental Information Disclosure Statement.

Please acknowledge receipt of this Supplemental Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Respectfully submitted,

DORSEY & WHITNEY LLP



Mark W. Roberts, Ph.D.  
Registration No. 46,160

MWR:sj

Enclosures:

Postcard

Fee Transmittal Sheet (+ copy)

Form PTO-1449

1420 Fifth Avenue, Suite 3400  
Seattle, WA 98101  
Telephone (206) 903-8800  
Facsimile (206) 903-8820

FORM PTO-1449  
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
500466.02APPLICATION NO.  
09/994,511

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT(S)

Kie Y. Ahn and Leonard Forbes

FILING DATE

November 26, 2001

GROUP ART UNIT

2879

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	US 6,277,765 B1	08/21/01	Cheng et al.	438	773	
	AB	US 6,333,215 B1	12/25/01	Matsuda et al.	438	149	
	AC						
	AD						
	AE						
	AF						
	AO						
	AH						
	AI						
	AJ						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AK							
	AL							
	AM							
	AN							
	AO							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	
	AQ	

EXAMINER

DATE CONSIDERED

\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

500466.02  
MWR:sj

Commissioner for Patents  
Washington, DC 20231

SENT: November 12, 2002

Kindly acknowledge receipt of the below-listed documents by placing  
your receiving stamp hereon and mailing:

Fee Transmittal Sheet (+ copy); Supplemental Information Disclosure Statement; Form  
PTO-1449; in re: Kie Y. Ahn and Leonard Forbes, USAN 09/994,511, filed  
November 26, 2001, for FIELD EMISSION DISPLAY HAVING REDUCED POWER  
REQUIREMENTS AND METHOD.

\\\\Documents\\Clients\\Micron Technology\\400\\500466.02\\500466.02 postcard 110802.doc

Date Stamp



DORSEY & WHITNEY LLP



## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail Box ISSUE FEE**  
**Commissioner for Patents**  
**Washington, D.C. 20231**  
**Fax (703)746-4000**

**INSTRUCTIONS:** This form should be used for transmitting the **ISSUE FEE** and **PUBLICATION FEE** (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

7590

04/03/2003

Mark W. Roberts, Esq.  
DORSEY & WHITNEY LLP  
Suite 3400  
1420 Fifth Avenue  
Seattle, WA 98101

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Box Issue Fee address above, or being facsimile transmitted to the USPTO, on the date indicated below.

Tamra Miller	(Depositor's name)
<i>T. Miller</i>	(Signature)
July 3, 2003	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/994,511	11/26/2001	Kie Y. Ahn	500466.02	1533

TITLE OF INVENTION: FIELD EMISSION DISPLAY HAVING REDUCED POWER REQUIREMENTS AND METHOD

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1300	\$300	\$1600	07/03/2003

EXAMINER	ART UNIT	CLASS-SUBCLASS
RAMSEY, KENNETH J	2879	445-024000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☒ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Dorsey & Whitney LLP

2 \_\_\_\_\_

3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Micron Technology, Inc.

Boise, Idaho

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

☒ Issue Fee

☒ Publication Fee

☒ Advance Order - # of Copies 7

4b. Payment of Fee(s):

☒ A check in the amount of the fee(s) is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached. any additional

☒ The Commissioner is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 50-1266 (enclose an extra copy of this form).

Commissioner for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature)

*Stuart Artubay*

(Date)

7/3/03

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered attorney or agent, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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07/10/2003 SDENB082 00000062 09994511

01 FC:1501  
02 FC:1504  
03 FC:8001

1300.00 OP  
300.00 OP  
21.00 OP

TRANSMIT THIS FORM WITH FEE(S)

PTOL-85 (REV. 04-02) Approved for use through 01/31/2004. OMB 0651-0033

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